

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

ZTE (USA) Inc., HTC Corporation, HTC America, Inc.,  
Samsung Electronics Co., Ltd., and  
Samsung Electronics America, Inc.,

Petitioner,

v.

Evolved Wireless LLC,

Patent Owner.

---

Case IPR2016-00757<sup>1</sup>  
Patent 7,881,236 B2

---

Before WILLIAM V. SAINDON, PETER P. CHEN, and  
TERRENCE W. McMILLIN, *Administrative Patent Judges*.

PETITIONER'S UPDATED EXHIBIT LIST

---

<sup>1</sup> IPR2016-01345 has been consolidated with this proceeding.

## EXHIBIT LIST

<b>Exhibit No.</b>	<b>Short Name</b>	<b>Description</b>
1001	236 patent	U.S. Patent No. 7,881,236
1002	300 reference	3GPP TS 36.300 v8.4.0 (2008-03), 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 (Release 8)
1003	321 reference	3GPP TS 36.321 v8.2.0 (2008-05), 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) Protocol Specification (Release 8)
1004	Ericsson patent	U.S. Patent No. 9,204,468
1005	Philips submission	Change Request R2-081764, submitted by Philips and NXP Semiconductors to 3GPP TSG RAN WG2 for Meeting #61bis, held on March 31 to April 4, 2008, in Shenzhen, China
1006	236 file history	File history of U.S. Patent Application No. 12/538,514, which issued as the 236 patent
1007	36.300 specs listing	Printout of <a href="http://www.3gpp.org/ftp/Specs/archive/36_series/36.300/">http://www.3gpp.org/ftp/Specs/archive/36_series/36.300/</a>
1008	Qualcomm 156	“NDI and Message 3,” R2-084156, submitted by Qualcomm Europe to 3GPP TSG RAN WG2 for Meeting #63 held in Jeju Island, Korea on August 18 to August 22, 2008

<b>Exhibit No.</b>	<b>Short Name</b>	<b>Description</b>
1009	36.300 page	Printout of <a href="http://www.3gpp.org/DynaReport/36300.htm">http://www.3gpp.org/DynaReport/36300.htm</a>
1010	LG 387	“Handling of Received UL Grant in RA procedure,” R2-084387, submitted by LG Electronics Inc. to 3GPP TSG RAN WG2 for Meeting #63 held in Jeju Island, Korea on August 18 to August 22, 2008
1011	LG 388	Change Request R2-084388, submitted by LG Electronics Inc. to 3GPP TSG RAN WG2 for Meeting #63 held in Jeju Island, South Korea on August 18 to August 22, 2008
1012	988 provisional	U.S. Provisional Application No. 61/087,988
1013	Qualcomm 202	U.S. Patent No. 9,094,202
1014	Qualcomm 257	U.S. Provisional Application No. 61/088,257
1015	Qualcomm 307	U.S. Provisional Application No. 61/087,307
1016	Min decl.	Declaration of Paul S. Min
1017	Wei decl.	Declaration of Ma Wei
1018	Butler aff. I	Affidavit of Christopher Butler dated January 26, 2016
1019	Butler aff. II	Affidavit of Christopher Butler dated March 21, 2016
1020	236 patent assignments	Printout of assignment search of 236 patent, <i>available at</i> <a href="http://assignment.uspto.gov/#/search?q=7881236">http://assignment.uspto.gov/#/search?q=7881236</a>

<b>Exhibit No.</b>	<b>Short Name</b>	<b>Description</b>
1021	3GPP FAQs	Printout of 3GPP FAQs, <i>available at</i> <a href="http://www.3gpp.org/about-3gpp/3gpp-faqs">http://www.3gpp.org/about-3gpp/3gpp-faqs</a> .
1022	Delegates Corner	Printout of Delegates Corner, <i>available at</i> <a href="http://www.3gpp.org/specifications-groups/delegates-corner">http://www.3gpp.org/specifications-groups/delegates-corner</a> .
1023	3/11/08 Krause e-mail	Printout of <a href="http://list.etsi.org/scripts/wa.exe?A2=ind0803&amp;L=3GPP_TSG_RAN_WG2&amp;F=&amp;S=&amp;P=32768">http://list.etsi.org/scripts/wa.exe?A2=ind0803&amp;L=3GPP_TSG_RAN_WG2&amp;F=&amp;S=&amp;P=32768</a>
1024	6/11/10 office action	Office Action, dated June 11, 2010, filed in the file history of U.S. Patent Application No. 12/538,514, which issued as the 236 patent
1025	9/3/10 amendment	Amendment Under 37 C.F.R. § 1.111, dated September 3, 2010, filed in the file history of U.S. Patent Application No. 12/538,514, which issued as the 236 patent
1026	9/20/10 notice of allowance	Notice of Allowance and Fees Due, dated September 20, 2010, filed in the file history of U.S. Patent Application No. 12/538,514, which issued as the 236 patent
1027	36.321 specs listing	Printout of <a href="http://www.3gpp.org/ftp/Specs/archive/36_series/36.321/">http://www.3gpp.org/ftp/Specs/archive/36_series/36.321/</a>
1028	36.321 page	Printout of <a href="http://www.3gpp.org/DynaReport/36321.htm">http://www.3gpp.org/DynaReport/36321.htm</a>
1029	3GPP FAQs archive	Printout of archived version of 3GPP Frequently Asked Questions, <i>available at</i> <a href="https://web.archive.org/web/20080611055805/http://www.3gpp.org/faq/faq_2005_2.htm">https://web.archive.org/web/20080611055805/http://www.3gpp.org/faq/faq_2005_2.htm</a>

<b>Exhibit No.</b>	<b>Short Name</b>	<b>Description</b>
1030	6/15/08 Krause e-mail	Printout of <a href="https://list.etsi.org/scripts/wa.exe?A2=ind0806&amp;L=3GPP_TSG_RAN_WG2&amp;F=&amp;S=&amp;P=74127">https://list.etsi.org/scripts/wa.exe?A2=ind0806&amp;L=3GPP_TSG_RAN_WG2&amp;F=&amp;S=&amp;P=74127</a>
1031	61bis docs	Printout of <a href="http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_61bis/Docs/">http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_61bis/Docs/</a>
1032	Bucknell e-mail	Printout of <a href="https://list.etsi.org/scripts/wa.exe?A2=ind0803&amp;L=3GPP_TSG_RAN_WG2&amp;F=&amp;S=&amp;P=120934">https://list.etsi.org/scripts/wa.exe?A2=ind0803&amp;L=3GPP_TSG_RAN_WG2&amp;F=&amp;S=&amp;P=120934</a>
1033	61bis attendees	Printout of list of attendees at 3GPP TSG RAN WG2 Meeting 61bis
1034	61bis report	Report of 3GPP TSG RAN WG2 Meeting 61bis
1035	61bis Tdoc list	Printout of List of Tdocs submitted for 3GPP TSG RAN WG2 Meeting 61bis
1036	Dahlman textbook	Excerpts from Dahlman, Erik. <i>3G Evolution: HSPA and LTE for Mobile Broadband</i> . Amsterdam: Academic, 2007.
1037	TR 21.900 v8.2.0	3GPP TR 21.900 v8.2.0 (2008-03), 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; Technical Specification Group working methods (Release 8)
1038	63 report	Report of 3GPP TSG RAN WG2 Meeting 63
1039	63 docs	Printout of <a href="http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_63/Docs/">http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_63/Docs/</a>

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.